INTERNATIONAL SEARCH REPORT

Internation population No PCT/USE004/000012

A. CLASSII	FICATION OF SUBJECT MATTER	·							
IPC 7	C09C1/02 D21H19/38								
According to International Patent Classification (IPC) or to both national classification and IPC									
	SEARCHED		·						
Minimum do IPC 7	cumentation searched (classification system followed by classification CO9C D21H	n symbols)							
160 /	C09C D21H								
Documentat	ion searched other than minimum documentation to the extent that st	uch documents are included in the fields se	arched						
Electronic de	ata base consulted during the International search (name of data bas	se and, where practical, search terms used)							
EPO-In	ternal, WPI Data								
	•								
	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.						
х	UC F 6F2 70F A (PROUN ALAN 1)		1 74						
^	US 5 653 795 A (BROWN ALAN J) 5 August 1997 (1997-08-05)		1–74						
	column 1, line 11 - line 29		•						
	column 2, line 7 - column 5, line	11 .							
X	US 5 676 747 A (BROWN ALAN J)		1						
	14 October 1997 (1997-10-14) column 1, line 10 - line 19		• •						
	column 2, line 8 - column 4, line	: 11	•						
* *	column 4, line 48 - column 9, lin		٠ .						
	claims 1-3,19,24-26,29-31		•						
A	EP 0 045 562 A (CALGON CORP)		1						
^	10 February 1982 (1982-02-10)		1						
	the whole document								
1									
A	EP 0 281 134 A (MD PAPIER GMBH)		1,16,33,						
	7 September 1988 (1988-09-07) the whole document		44,50,57						
Furt	ner documents are listed in the continuation of box C.	X Patent family members are listed in	n annex.						
Special categories of cited documents: "T" later document published after the international filling date									
"A" docume	ent defining the general state of the art which is not	or priority date and not in conflict with cited to understand the principle or the	the application but						
considered to be of particular relevance invention									
filing date A document of particular relevance; the dament invention cannot be considered novel or cannot be considered to									
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention are the property of the public of the p									
Cannot be considered to involve an inventive step when the document referring to an oral disclosure, use, exhibition or document is combined with one or more other such document.									
"P" docume	ent published prior to the international filing date but	ments, such combination being obvious in the art.	•						
		*&" document member of the same patent	·						
Date of the actual completion of the international search Date of malling of the international search report									
7	July 2004	14/07/2004							
			····						
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 Authorized officer									
	NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,	Cickel F							
i .	Fax: (+31-70) 340-3016	Siebel, E							

INTERNATIONAL SEARCH REPORT

on patent family members

Internation	plication No
PCT/USZ	004/000012

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5653795	A	05-08-1997	AU WO	5376396 A 9632449 A1	30-10-1996 17-10-1996
US 5676747	Α	14-10-1997	AU WO	5324896 A 9632448 A1	30-10-1996 17-10-1996
EP 0045562	A	10-02-1982	AU DK EP ES FI GR JP PT	7191981 A 286381 A 0045562 A2 8203942 A1 811901 A 75704 A1 57048340 A 73254 A	07-01-1982 31-12-1981 10-02-1982 16-07-1982 31-12-1981 02-08-1984 19-03-1982 01-07-1981
EP 0281134	A	07-09-1988	DE AT DE EP ES FI JP	3707221 A1 72575 T 3868331 D1 0281134 A2 2028152 T3 881014 A ,B, 63235377 A	15-09-1988 15-02-1992 26-03-1992 07-09-1988 01-07-1992 07-09-1988 30-09-1988